



#5

## SEQUENCE LISTING

<110> Remacle, Jose  
Renard, Patricia  
Art, Muriel

<120> METHOD AND KIT FOR THE SCREENING, THE  
DETECTION AND/OR THE QUANTIFICATION OF TRANSCRIPTIONAL  
FACTORS

<130> VANM212.001AUS

<140> US 09/816,763

<141> 2001-03-23

<150> EP 00870057.7

<151> 2000-03-24

<160> 150

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 14

<212> DNA

<213> Artificial Sequence

<220>

<223> Consensus sequence for transcriptional factor AAF

<400> 1

tttcatatta ctct

14

<210> 2

<211> 13

<212> DNA

<213> Artificial Sequence

<220>

<223> Consensus sequence for transcriptional factor AbdB

<400> 2

aawtttttat tac

13

<210> 3

<211> 12

<212> DNA

<213> Artificial Sequence

<220>

<223> Consensus sequence for transcriptional factor AhR

<400> 3

tgcgtgagaa ga

12

<210> 4

<211> 13  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Consensus sequence for transcriptional factor Antp

<400> 4  
aawttttaat tac

13

<210> 5  
<211> 7  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Consensus sequence for transcriptional factor Ap1

<400> 5  
tgastma

7

<210> 6  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Consensus sequence for transcriptional factor Ap2

<221> misc\_feature  
<222> (1)...(9)  
<223> n = A,T,C or G

<400> 6  
cccmcnsss

9

<210> 7  
<211> 8  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Consensus sequence for transcriptional factor AP3

<400> 7  
tgtgwww

8

<210> 8  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Consensus sequence for transcriptional factor AP4

<400> 8  
 ycagctgygg 10

<210> 9  
 <211> 15  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Consensus sequence for transcriptional factor AR

<221> misc\_feature  
 <222> (1)...(15)  
 <223> n = A,T,C or G

<400> 9  
 agaacannnt gttct 15

<210> 10  
 <211> 3  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Consensus sequence for transcriptional factor ARnt

<221> misc\_difference  
 <222> (0)...(0)  
 <223> 3' -half site

<400> 10  
 gtg 3

<210> 11  
 <211> 16  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Consensus sequence for transcriptional factor  
 ARP-1

<221> misc\_feature  
 <222> (1)...(16)  
 <223> n = A,T,C or G

<400> 11  
 tgancccttg acccct 16

<210> 12  
 <211> 8  
 <212> DNA  
 <213> Artificial Sequence

<220>  
<223> Consensus sequence for transcriptional factor ATF

<400> 12  
tgacgymr 8

<210> 13  
<211> 16  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Consensus sequence for transcriptional factor  
BGP-1

<400> 13  
ggggggggggg gggggg 16

<210> 14  
<211> 16  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Consensus sequence for transcriptional factor BSAP

<221> misc\_feature  
<222> (1)...(16)  
<223> n = A,T,C or G

<400> 14  
gacgcanygr wnnnmg 16

<210> 15  
<211> 18  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Consensus sequence for transcriptional factor CBF

<400> 15  
acacccaaat atggcgac 18

<210> 16  
<211> 8  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Consensus sequence for transcriptional factor

C/EBP

<400> 16  
gtggwwwg

8

<210> 17  
<211> 6  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Consensus sequence for transcriptional factor CF1

<221> misc\_feature  
<222> (1)...(6)  
<223> n = A,T,C or G

<400> 17  
anatgg

6

<210> 18  
<211> 13  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Consensus sequence for transcriptional factor COUP

<400> 18  
gtgtcaaagg tca

13

<210> 19  
<211> 19  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Consensus sequence for transcriptional factor CP1

<221> misc\_feature  
<222> (1)...(19)  
<223> n = A,T,C or G

<400> 19  
ynnnnnnrirc caatcanyk

19

<210> 20  
<211> 19  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Consensus sequence for transcriptional factor CP2

<221> misc\_feature  
<222> (1)...(19)

<223> n = A,T,C or G

<400> 20

yagynnnrrc caatcnnnr

19

<210> 21

<211> 5

<212> DNA

<213> Artificial Sequence

<220>

<223> Consensus sequence for transcriptional factor CTCF

<400> 21

ccctc

5

<210> 22

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Consensus sequence for transcriptional factor DBP

<400> 22

tgattttgt

9

<210> 23

<211> 7

<212> DNA

<213> Artificial Sequence

<220>

<223> Consensus sequence for transcriptional factor E2A

<221> misc\_feature

<222> (1)...(7)

<223> n = A,T,C or G

<400> 23

rcagntg

7

<210> 24

<211> 8

<212> DNA

<213> Artificial Sequence

<220>

<223> Consensus sequence for transcriptional factor E2B

<400> 24

tgcaayay

8

<210> 25  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Consensus sequence for transcriptional factor E2F

<400> 25  
ttttsscgs

9

<210> 26  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Consensus sequence for transcriptional factor E4F

<400> 26  
tgacgtaac

9

<210> 27  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Consensus sequence for transcriptional factor  
EGR-1

<400> 27  
cgccccscgc

9

<210> 28  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Consensus sequence for transcriptional factor  
EGR-2

<400> 28  
ccgccccccgc

10

<210> 29  
<211> 15  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Consensus sequence for transcriptional factor ER

<221> misc\_feature  
 <222> (1)...(15)  
 <223> n = A,T,C or G

<400> 29  
 aggtcannnt gacct 15

<210> 30  
 <211> 13  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Consensus sequence for transcriptional factor  
 v-ErbA

<400> 30  
 gtgtcaaagg tca 13

<210> 31  
 <211> 15  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Consensus sequence for transcriptional factor ETF

<400> 31  
 cagccccgc gcagc 15

<210> 32  
 <211> 8  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Consensus sequence for transcriptional factor  
 Ets-1

<400> 32  
 smggawgy 8

<210> 33  
 <211> 6  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Consensus sequence for transcriptional factor  
 F-ACT1



<400> 33  
tggcga

6

<210> 34  
<211> 17  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Consensus sequence for transcriptional factor GAL  
4

<221> misc\_feature  
<222> (1)...(17)  
<223> n = A,T,C or G

<400> 34  
cggnnnnnwn nnnnccg

17

<210> 35  
<211> 6  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Consensus sequence for transcriptional factor  
GATA-1

<400> 35  
wgatar

6

<210> 36  
<211> 6  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Consensus sequence for transcriptional factor  
GATA-2

<400> 36  
wgatar

6

<210> 37  
<211> 6  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Consensus sequence for transcriptional factor  
GATA-3

<400> 37

wgatar	6
<210> 38	
<211> 7	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Consensus sequence for transcriptional factor GCF	
<400> 38	
scgsssc	7
<210> 39	
<211> 8	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Consensus sequence for transcriptional factor GHF-1	
<400> 39	
wtatycat	8
<210> 40	
<211> 8	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Consensus sequence for transcriptional factor GHF-5	
<400> 40	
wtatycat	8
<210> 41	
<211> 8	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Consensus sequence for transcriptional factor GHF-7	
<400> 41	
wtatycat	8
<210> 42	
<211> 15	
<212> DNA	
<213> Artificial Sequence	

<220>  
 <223> Consensus sequence for transcriptional factor GR

<221> misc\_feature  
 <222> (1)...(15)  
 <223> n = A,T,C or G

<400> 42  
 agaacannnt gttct 15

<210> 43  
 <211> 18  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Consensus sequence for transcriptional factor  
 H1TF2

<400> 43  
 gcaccaatca cagcgcg 18

<210> 44  
 <211> 19  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Consensus sequence for transcriptional factor  
 H2RIIBP

<400> 44  
 tcaggtcaca gtgacctga 19

<210> 45  
 <211> 13  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Consensus sequence for transcriptional factor  
 H2TF2

<400> 45  
 tggggattcc cca 13

<210> 46  
 <211> 7  
 <212> DNA  
 <213> Artificial Sequence

<220>

<223> Consensus sequence for transcriptional factor  
H-APF-1

<400> 46  
ctggraa

7

<210> 47  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Consensus sequence for transcriptional factor HIF

<400> 47  
ctacgtgct

9

<210> 48  
<211> 13  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Consensus sequence for transcriptional factor  
HNF-1

<221> misc\_feature  
<222> (1)...(13)  
<223> n = A,T,C or G

<400> 48  
gttaatnatt aac

13

<210> 49  
<211> 13  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Consensus sequence for transcriptional factor  
vHNF-1

<221> misc\_feature  
<222> (1)...(13)  
<223> n = A,T,C or G

<400> 49  
gttaatnatt aac

13

<210> 50  
<211> 11  
<212> DNA  
<213> Artificial Sequence

<220>  
 <223> Consensus sequence for transcriptional factor  
         HNF-3A

<400> 50  
 tattgayttw g 11

<210> 51  
 <211> 11  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Consensus sequence for transcriptional factor  
         HNF-3B

<400> 51  
 tattgayttw g 11

<210> 52  
 <211> 11  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Consensus sequence for transcriptional factor  
         HNF-3C

<400> 52  
 tattgayttw g 11

<210> 53  
 <211> 12  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Consensus sequence for transcriptional factor  
         HNF-4

<400> 53  
 kgcwargkyc ay 12

<210> 54  
 <211> 15  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Consensus sequence for transcriptional factor HSF

<221> misc\_feature  
 <222> (1)...(15)  
 <223> n = A,T,C or G  
  
 <400> 54  
 ngaanngaangaan ngaan 15  
  
 <210> 55  
 <211> 10  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Consensus sequence for transcriptional factor IAF  
  
 <400> 55  
 gccatctgct 10  
  
 <210> 56  
 <211> 8  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Consensus sequence for transcriptional factor IRBP  
  
 <400> 56  
 agtgcaact 8  
  
 <210> 57  
 <211> 16  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Consensus sequence for transcriptional factor  
 IREBF-1  
  
 <400> 57  
 cgggaaatgg aaactg 16  
  
 <210> 58  
 <211> 6  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Consensus sequence for transcriptional factor IRF  
  
 <221> misc\_feature  
 <222> (1)...(6)  
 <223> n = A,T,C or G

<400> 58 aannga	6
<210> 59 <211> 10 <212> DNA <213> Artificial Sequence	
<220> <223> Consensus sequence for transcriptional factor ISGF1	
<400> 59 ctttcagttt	10
<210> 60 <211> 10 <212> DNA <213> Artificial Sequence	
<220> <223> Consensus sequence for transcriptional factor ISGF2	
<400> 60 ctttctcttt	10
<210> 61 <211> 10 <212> DNA <213> Artificial Sequence	
<220> <223> Consensus sequence for transcriptional factor ISGF3	
<400> 61 gcttcagttt	10
<210> 62 <211> 13 <212> DNA <213> Artificial Sequence	
<220> <223> Consensus sequence for transcriptional factor KBF-1	
<400> 62 tggggattcc cca	13
<210> 63 <211> 10	

<212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Consensus sequence for transcriptional factor Ker1  
  
 <400> 63  
 gcctgcaggc 10  
  
 <210> 64  
 <211> 13  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Consensus sequence for transcriptional factor LFB3  
  
 <221> misc\_feature  
 <222> (1)...(13)  
 <223> n = A,T,C or G  
  
 <400> 64  
 gttaatnatt aac 13  
  
 <210> 65  
 <211> 15  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Consensus sequence for transcriptional factor  
 LIT-1  
  
 <400> 65  
 gcgccctttg gacct 15  
  
 <210> 66  
 <211> 9  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Consensus sequence for transcriptional factor  
 LyF-1  
  
 <400> 66  
 rrtgggagr 9  
  
 <210> 67  
 <211> 13  
 <212> DNA  
 <213> Artificial Sequence



<220>  
 <223> Consensus sequence for transcriptional factor  
         MBF-1

<400> 67  
 ytaaaaataa yyy 13

<210> 68  
 <211> 7  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Consensus sequence for transcriptional factor  
         MBF-I

<400> 68  
 tgcrerc 7

<210> 69  
 <211> 13  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Consensus sequence for transcriptional factor  
         MBP-1

<400> 69  
 tggggattcc cca 13

<210> 70  
 <211> 7  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Consensus sequence for transcriptional factor MCBF

<400> 70  
 cattcct 7

<210> 71  
 <211> 10  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Consensus sequence for transcriptional factor  
         MEF-2

<400> 71

ytawaaatar

10

<210> 72

<211> 7

<212> DNA

<213> Artificial Sequence

<220>

<223> Consensus sequence for transcriptional factor  
MEP-1

<221> misc\_feature

<222> (1)...(7)

<223> n = A,T,C or G

<400> 72

tgcrnc

7

<210> 73

<211> 16

<212> DNA

<213> Artificial Sequence

<220>

<223> Consensus sequence for transcriptional factor MR

<221> misc\_feature

<222> (1)...(16)

<223> n = A,T,C or G

<400> 73

agaacannnn tggtct

16

<210> 74

<211> 6

<212> DNA

<213> Artificial Sequence

<220>

<223> Consensus sequence for transcriptional factor Myb

<400> 74

yaackg

6

<210> 75

<211> 6

<212> DNA

<213> Artificial Sequence

<220>

<223> Consensus sequence for transcriptional factor Myc

<400> 75

cacgtg	6
<210> 76	
<211> 8	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Consensus sequence for transcriptional factor MyoD	
<400> 76	
caactgac	8
<210> 77	
<211> 14	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Consensus sequence for transcriptional factor NF1	
<221> misc_feature	
<222> (1)...(14)	
<223> n = A,T,C or G	
<400> 77	
yggmnnnnng ccaa	14
<210> 78	
<211> 19	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Consensus sequence for transcriptional factor NF-AT	
<400> 78	
ggaggaaaaa ctgtttcat	19
<210> 79	
<211> 8	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Consensus sequence for transcriptional factor NF-E2	
<400> 79	
tgactcag	8
<210> 80	

<211> 8  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Consensus sequence for transcriptional factor NF-D

<400> 80  
gatggcgg 8

<210> 81  
<211> 11  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Consensus sequence for transcriptional factor  
NF-GMa

<400> 81  
grgrgttkca y 11

<210> 82  
<211> 7  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Consensus sequence for transcriptional factor  
NF-GMb

<400> 82  
tcagrta 7

<210> 83  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Consensus sequence for transcriptional factor  
NF-IL6

<221> misc\_feature  
<222> (1)...(9)  
<223> n = A,T,C or G

<400> 83  
tknngnaak 9

<210> 84  
<211> 10  
<212> DNA

<213> Artificial Sequence

<220>

<223> Consensus sequence for transcriptional factor NFxB

<221> misc\_feature

<222> (1)...(10)

<223> n = A,T,C or G

<400> 84

gggamtnycc

10

<210> 85

<211> 8

<212> DNA

<213> Artificial Sequence

<220>

<223> Consensus sequence for transcriptional factor  
NF-W1

<400> 85

gttgcac

8

<210> 86

<211> 8

<212> DNA

<213> Artificial Sequence

<220>

<223> Consensus sequence for transcriptional factor  
NF-W2

<400> 86

gttgcac

8

<210> 87

<211> 12

<212> DNA

<213> Artificial Sequence

<220>

<223> Consensus sequence for transcriptional factor  
NGF1-B

<400> 87

aggtcatgac ct

12

<210> 88

<211> 8

<212> DNA

<213> Artificial Sequence

<220>

<223> Consensus sequence for transcriptional factor

Oct-1

<400> 88  
atgcaaat 8

<210> 89  
<211> 8  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Consensus sequence for transcriptional factor  
Oct-2

<400> 89  
atgcaaat 8

<210> 90  
<211> 8  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Consensus sequence for transcriptional factor  
Oct-4

<400> 90  
atgcwaat 8

<210> 91  
<211> 8  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Consensus sequence for transcriptional factor  
Oct-6

<400> 91  
atgcaaat 8

<210> 92  
<211> 20  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Consensus sequence for transcriptional factor P53

<400> 92  
rrrcwwgyyy rrrcwwgyyy 20

<210> 93  
<211> 23  
<212> DNA  
<213> Artificial Sequence

<220>  
 <223> Consensus sequence for transcriptional factor Pax-1  
  
 <400> 93  
 caccgttccg ctctagatat ctc 23  
  
 <210> 94  
 <211> 14  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Consensus sequence for transcriptional factor PCF  
  
 <400> 94  
 agaaagggaa agga 14  
  
 <210> 95  
 <211> 6  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Consensus sequence for transcriptional factor PEA3  
  
 <400> 95  
 aggaar 6  
  
 <210> 96  
 <211> 6  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Consensus sequence for transcriptional factor PPAR  
  
 <400> 96  
 aggtca 6  
  
 <210> 97  
 <211> 15  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Consensus sequence for transcriptional factor PR  
  
 <221> misc\_feature  
 <222> (1)...(15)  
 <223> n = A,T,C or G  
  
 <400> 97  
 agaacannnt gttct 15  
  
 <210> 98  
 <211> 10

<212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Consensus sequence for transcriptional factor  
         PRDI-BF1  
  
 <400> 98  
 aagtgaaagt 10  
  
 <210> 99  
 <211> 18  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Consensus sequence for transcriptional factor PTF1  
  
 <221> misc\_feature  
 <222> (1)...(18)  
 <223> n = A,T,C or G  
  
 <400> 99  
 atggganctc agctgtgc 18  
  
 <210> 100  
 <211> 9  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Consensus sequence for transcriptional factor PU.I  
  
 <400> 100  
 agaggaact 9  
  
 <210> 101  
 <211> 7  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Consensus sequence for transcriptional factor PuF  
  
 <400> 101  
 ggggtggg 7  
  
 <210> 102  
 <211> 12  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Consensus sequence for transcriptional factor RAR  
  
 <400> 102  
 aggtcatgac ct 12



<210> 103  
 <211> 16  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Consensus sequence for transcriptional factor RFX  
  
 <400> 103  
 cccctagcaa cagatg 16  
  
 <210> 104  
 <211> 6  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Consensus sequence for transcriptional factor Runt  
  
 <400> 104  
 ygyggt 6  
  
 <210> 105  
 <211> 11  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Consensus sequence for transcriptional factor RVF  
  
 <400> 105  
 aagataaaac c 11  
  
 <210> 106  
 <211> 6  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Consensus sequence for transcriptional factor RXR  
  
 <221> misc\_feature  
 <222> (0)...(0)  
 <223> in Direct Repeat Configuration  
  
 <400> 106  
 aggtca 6  
  
 <210> 107  
 <211> 6  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Consensus sequence for transcriptional factor SIF

<400> 107 cccgtm	6
<210> 108 <211> 9 <212> DNA <213> Artificial Sequence	
<220> <223> Consensus sequence for transcriptional factor Sp1	
<400> 108 krggctrrk	9
<210> 109 <211> 9 <212> DNA <213> Artificial Sequence	
<220> <223> Consensus sequence for transcriptional factor SREBP1	
<221> misc_binding <222> (0)...(0) <223> E-Box consensus binding sequence	
<400> 109 atcacgtga	9
<210> 110 <211> 10 <212> DNA <213> Artificial Sequence	
<220> <223> Consensus sequence for transcriptional factor SREBP1	
<221> misc_binding <222> (0)...(0) <223> non E-Box consensus binding sequence	
<400> 110 atcacccac	10
<210> 111 <211> 22 <212> DNA <213> Artificial Sequence	
<220> <223> Consensus sequence for transcriptional factor SRF	
<400> 111 ggatgtccat attaggacat ct	22

<210> 112  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Consensus sequence for transcriptional factor STAT

<221> misc\_feature  
<222> (1)...(9)  
<223> n = A,T,C or G

<400> 112  
ttcnnngaa 9

<210> 113  
<211> 12  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Consensus sequence for transcriptional factor T3R

<400> 113  
aggtcatgac ct 12

<210> 114  
<211> 6  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Consensus sequence for transcriptional factor TBP

<400> 114  
tataaa 6

<210> 115  
<211> 5  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Consensus sequence for transcriptional factor  
TCF-1

<400> 115  
mamag 5

<210> 116  
<211> 8  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Consensus sequence for transcriptional factor  
TCF-2.alpha.

<400> 116 saggaagy	8
<210> 117 <211> 9 <212> DNA <213> Artificial Sequence	
<220> <223> Consensus sequence for transcriptional factor TEF-1	
<400> 117 aagyatgca	9
<210> 118 <211> 8 <212> DNA <213> Artificial Sequence	
<220> <223> Consensus sequence for transcriptional factor TEF-2	
<400> 118 gggtgtgg	8
<210> 119 <211> 10 <212> DNA <213> Artificial Sequence	
<220> <223> Consensus sequence for transcriptional factor TGT-3	
<400> 119 aagtgtttgc	10
<210> 120 <211> 10 <212> DNA <213> Artificial Sequence	
<220> <223> Consensus sequence for transcriptional factor TIN-1	
<400> 120 aggaagttcc	10
<210> 121 <211> 6 <212> DNA <213> Artificial Sequence	

<220>  
 <223> Consensus sequence for transcriptional factor USF  
  
 <400> 121  
 cacgtg 6  
  
 <210> 122  
 <211> 9  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Consensus sequence for transcriptional factor  
         WT-ZFP  
  
 <400> 122  
 cgccccgc 9  
  
 <210> 123  
 <211> 15  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Consensus sequence for transcriptional factor  
         XF1/2  
  
 <400> 123  
 tcttctcacg caact 15  
  
 <210> 124  
 <211> 16  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Consensus sequence for transcriptional factor  
         XPF-1  
  
 <221> misc\_feature  
 <222> (1)...(16)  
 <223> n = A,T,C or G  
  
 <400> 124  
 cacctgnnnn tttccc 16  
  
 <210> 125  
 <211> 20  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Consensus sequence for transcriptional factor YB-1  
  
 <400> 125  
 atttttctga ttggccaaag 20

<210> 126  
 <211> 19  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Epstein-Barr Virus EBNA (B958 Strain) viral  
           protein  
  
 <400> 126  
 ggtagcata tgctaacca 19  
  
 <210> 127  
 <211> 9  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Epstein-Barr Virus BZLF (B958 Strain) viral  
           protein  
  
 <400> 127  
 ttagcaatg 9  
  
 <210> 128  
 <211> 8  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Human CBF-1 (Epstein-Barr Virus cis-element) viral  
           protein  
  
 <400> 128  
 cgtgggaa 8  
  
 <210> 129  
 <211> 14  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Human Papilloma viral protein  
  
 <400> 129  
 accgaaaacg gtgt 14  
  
 <210> 130  
 <211> 12  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Herpes simplex virus type 1 VP16 viral protein  
  
 <400> 130  
 atgctaata ta 12

<210> 131  
 <211> 60  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> HIV TAT (TAR RNA Sequence) viral protein  
  
 <400> 131  
 gggctctctct ggtagacca gatctgagcc tgggagctct ctggctaact agggaaccca 60  
  
 <210> 132  
 <211> 19  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> HIV Integrase viral protein  
  
 <400> 132  
 gtgtggaaaa tctctagca 19  
  
 <210> 133  
 <211> 21  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> P53 transcriptional factor consensus sequence  
  
 <221> misc\_feature  
 <222> (1)...(21)  
 <223> n = A,T,C or G  
  
 <400> 133  
 rrrcwnngyy yrrrcwnngyy y 21  
  
 <210> 134  
 <211> 22  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> P53 transcriptional factor consensus sequence  
  
 <221> misc\_feature  
 <222> (1)...(22)  
 <223> n = A,T,C or G  
  
 <400> 134  
 rrrcwnngy yrrrcwnngy yy 22  
  
 <210> 135  
 <211> 23  
 <212> DNA

<213> Artificial Sequence

<220>

<223> P53 transcriptional factor consensus sequence

<221> misc\_feature

<222> (1)...(23)

<223> n = A,T,C or G

<400> 135

rrrcwwnnng yyyrrrcwgg yyy

23

<210> 136

<211> 24

<212> DNA

<213> Artificial Sequence

<220>

<223> P53 transcriptional factor consensus sequence

<221> misc\_feature

<222> (1)...(24)

<223> n = A,T,C or G

<400> 136

rrrcwwnnnn gyyyrrrcww gyyy

24

<210> 137

<211> 25

<212> DNA

<213> Artificial Sequence

<220>

<223> P53 transcriptional factor consensus sequence

<221> misc\_feature

<222> (1)...(25)

<223> n = A,T,C or G

<400> 137

rrrcwwnnnn ngyyyrrrcw wgyyy

25

<210> 138

<211> 26

<212> DNA

<213> Artificial Sequence

<220>

<223> P53 transcriptional factor consensus sequence

<221> misc\_feature

<222> (1)...(26)

<223> n = A,T,C or G

<400> 138

rrrcwwnnnn ngyyyrrrc wgyyy

26



<210> 139  
<211> 27  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> P53 transcriptional factor consensus sequence

<221> misc\_feature  
<222> (1)...(27)  
<223> n = A,T,C or G

<400> 139  
rrrcwwnnnn nnnngyyrrr cwwgyyy

27

<210> 140  
<211> 28  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> P53 transcriptional factor consensus sequence

<221> misc\_feature  
<222> (1)...(28)  
<223> n = A,T,C or G

<400> 140  
rrrcwwnnnn nnnngyyrrr rcwwgyyy

28

<210> 141  
<211> 29  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> P53 transcriptional factor consensus sequence

<221> misc\_feature  
<222> (1)...(29)  
<223> n = A,T,C or G

<400> 141  
rrrcwwnnnn nnnnngyyrr rcwwgyyy

29

<210> 142  
<211> 30  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> P53 transcriptional factor consensus sequence

<221> misc\_feature  
<222> (1)...(30)  
<223> n = A,T,C or G

<400> 142  
 rrrcwwnnnnn nnnnnnngyyy rrrcwwggyy 30  
  
 <210> 143  
 <211> 31  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> P53 transcriptional factor consensus sequence  
  
 <221> misc\_feature  
 <222> (1)...(31)  
 <223> n = A,T,C or G  
  
 <400> 143  
 rrrcwwnnnnn nnnnnnngyy yrrrcwwggy y 31  
  
 <210> 144  
 <211> 32  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> P53 transcriptional factor consensus sequence  
  
 <221> misc\_feature  
 <222> (1)...(32)  
 <223> n = A,T,C or G  
  
 <400> 144  
 rrrcwwnnnnn nnnnnnngy yyrrrcwwgy yy 32  
  
 <210> 145  
 <211> 34  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> P53 transcriptional factor consensus sequence  
  
 <221> misc\_feature  
 <222> (1)...(34)  
 <223> n = A,T,C or G  
  
 <400> 145  
 rrrcwwnnnnn nnnnnnnng yyyrrrcwwg yyys 34  
  
 <210> 146  
 <211> 255  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> CMV sequence  
  
 <400> 146

tggccaagcg gcctctgata accaagcctg aggttatcag tgtaatgaag cgccgcattg 60  
 aggagatctg catgaaggtc ttgcccagt acattctggg ggccgaccc ctgagagtct 120  
 gctctcctag tgtggatgac ctacggggcca tcgccgagga gtcagatgag gaagaggcta 180  
 ttgtagccta cactttggcc accgctgggtg tcagctcctc tgattctctg gtgtcacccc 240  
 cagagtcccc tgtac 255

<210> 147  
 <211> 22  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> NFkB consensus sequence

<400> 147  
 agttgagggg actttcccag gc 22

<210> 148  
 <211> 23  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> CREB consensus sequence

<400> 148  
 attgcctgac gtcagagagc tag 23

<210> 149  
 <211> 24  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> AP-1 consensus sequence

<400> 149  
 ccgttcgggc tgactcatca agcg 24

<210> 150  
 <211> 7  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Consenses sequence for transcriptional factor Myc

<400> 150  
 tctctta 7